

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. Mo-7059 / LeA 33,071	Serial No. 10/089,358
		Applicant Horst Berneth et al	
		Filing Date May 13, 2002	Group 1744-1756

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,318,112	03/02/82	(Bel. to corresp. to EP Klavis et al	25,263 346	135.1	
	AB	**5,079,758	01/07/92	Clark	369	284	
	AC	5,098,978	03/24/92	(Bel. to corresp. to DE Riepl et al	36,00,450 528	15	
	AD						
	AE						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
<i>in</i>	AL	**0 823 442	02/11/98	Europe				
<i>in</i>	AM	**97/44365	11/21/97	World				
<i>in</i>	AN	**0 669 548	08/20/95	Europe				
<i>in</i>	AO	**93/03073	02/18/93	World				
<i>in</i>	AP	**43 39 862	10/09/94	Germany				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>in</i>	AR	**Database WPI Section Ch, Week 199327 Derwent Publications Ltd., London, GB; Class A89, AN 1993-216316 XP002154185 & JP 05 139042 A (Nippon Paint Co Ltd.), 8. Juni 1993 (1993-06-08) Zusammenfassung.
<i>in</i>	AS	**Patent Abstracts of Japan vol. 007, no. 278 (P-242), 10. Dezember 1983 (1983-12-10) & JP 58 155543 A (Tokyo Shibaura Denki KK), 16. September 1983 (1983-09-16) Zusammenfassung.
<i>in</i>	AT	**Patent Abstracts of Japan vol. 012, no. 406 (P-777), 27. Oktober 1988 (1988-10-27) & JP 63 142546 A (Hitachi Ltd), 14. Juni 1988 (1988-06-14) Zusammenfassung.

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	3/9/03

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u	AL	**199 14 325	07/06/00	Germany				
u	AM	**00/54112	09/14/00	World				
u	AN	887574	12/07/81	Soviet Union (Abstract Only Attached)				
u	AO	276297	07/09/14	Germany				X
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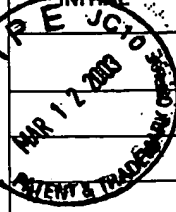
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

u	AR	Appl. Phys. Lett. 70 (12), 24 March 1997, pgs. 1518-1523, "An analysis of the anisotropic and topographic gratings in a side-chain liquid crystalline azobenzene polyester" by N. C. R. Holme et al.
u	AS	Makromol. Chem. 185, pgs. 1327-1334, (month unavailable) 1984, "Electro-optical effects of azo dye containing liquid crystalline copolymers" by H. Ringsdorf and H. W. Schmidt.
u	AT	Eur. Polym. J., Vol. 18, pp. 559 to 561, (month unavailable) 1982, "Preparation and Application of Functional Polymers-II Preparation of vinyl ethers and thioethers using polymer-supported phosphonium salts" by Ahmed Akehah.
EXAMINER		DATE CONSIDERED 3/8/06
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		Filing Date May 13, 2002	




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	AR	Appl. Phys. Lett. 66 (10), 6 March 1995, pp. 1166-1168, "Laser-induced holographic surface gratings on nonlinear optical polymer films" by D. Y. Kim et al.
	AS	Liquid Crystals, (month unavailable) 1987, Vol. 2, No. 2, pp. 195-200, "Thermotropic liquid-crystalline polymers XXVI. Synthesis of come-like polymers with oxygen containing spacers and a study of their phase transitions" by S. G. Kostromin et al.
	AT	Journal of Chemical Physics, Volume 109, Number 4, pp. 1505-1516, "Model of laser-driven mass transport in thin films of dye-functionalized polymers" by C. J. Barrett et al.
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	AO							
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		J. Appl. Phys. Vol. 30, December 1997, pp. 7233-7238, Part 1, No. 12A, "Thermal Decomposition and Deformation of Dye and Polycarbonate in Compact Disc-Recordables" by Y. J. Huh et al.	
	AR		
	AS	App. Phys. 30, 1997, pp. 5521-5523	
	AT		
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